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NPIC/R-1596/64 October 1964

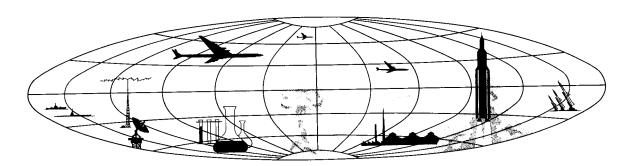
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MISSION 3958 26 OCTOBER 1964





NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



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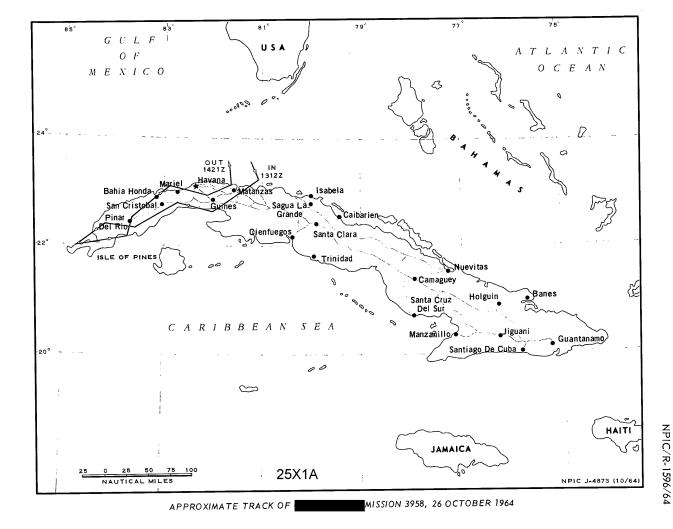
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PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM MISSION 3958, DATED 26 OCT 1964. THE NUMBER APPEARING AT THE BEGINNING OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS —— C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), SD (SEMIDARKNESS), O (OBLIQUITY), PQ (POOR IMAGE QUALITY).

2 SECF



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ITEM OF SPECIAL INTEREST

AN UNIDENTIFIED SUBMARINE, APPROXIMATELY 185 FT IN LENGTH, OBSERVED HEADING IN A SOUTHEASTERLY DIRECTION AT APPROXIMATE COORDINATES 21-35N Ø84-53W.

25X1D

25X1A

MISSILES

SAN JULIAN SAM SITE 2205N 08408W

THREE CARGO TRUCKS OBSERVED.

25X1D

25X1A

SANTIAGO DE LAS VEGAS SAM ASSEMBLY AREA 2257N Ø8221W

FIFTEEN MISSILE TRANSPORTERS (5 WITHOUT PRIME MOVERS), 5 FLATBED TRAILERS, AT LEAST 13 OTHER VEHICLES, AND NUMEROUS MISSILE CANISTERS OBSERVED.

25X1D

25X1A

PINAR DEL RID SAM ASSEMBLY AREA 2221N Ø8339W

FIVE CARGO TRUCKS, ONE PROBABLE TANK TRUCK, ONE PROBABLE FLATBED TRUCK, AND 7 PROBABLE MISSILE CANISTERS OBSERVED.

25X1D

25X1A

MANAGUA SAM SITE 2259N Ø8215W

SIX REVETTED LAUNCHERS (2 PROBABLY WITH MISSILES), 5 CANVAS-COVERED MISSILE TRANSPORTERS, 2 POSSIBLE MISSILE TRANSPORTERS, 10 TRACKED PRIME MOVERS, 3 OTHER VEHICLES, AND A GUIDANCE REVETMENT WITH RADAR AND 8 NET-COVERED VAN TRAILERS OBSERVED. TWO ADDITIONAL LAUNCHERS, 8 VAN TRUCKS, AND 5 VAN TRAILERS ARE LOCATED ADJACENT TO RING ROAD. NO APPARENT CHANGE IN FACILITIES.

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25X1D

25X1A

MAJANA SAM SITE 2241N Ø8249W

SIX UNREVETTED LAUNCHERS (ONE WITH MISSILE), 4 MISSILE TRANSPORTERS, AND AN OCCUPIED GUIDANCE AREA OBSERVED. HAZE AND OBLIQUITY LIMIT INTERPRETATION.

25X1D

25X1A

LA COLOMA SAM SITE 2 2219N Ø8334W

ONE UNIDENTIFIED VEHICLE OBSERVED.

25X1D

25X1A

LA SALUD SAM SITE 2253N Ø8224W

SIX UNREVETTED LAUNCHERS (AT LEAST 2 WITH MISSILES), AT LEAST 6 MISSILE TRANSPORTERS, 6 PROBABLE TRACKED PRIME MOVERS, 11 OTHER VEHICLES, 3 PROBABLE VAN TRAILERS AND A GUIDANCE AREA WITH RADAR AND CANVAS-COVERED EQUIPMENT OBSERVED. TWO ADDITIONAL LAUNCHERS, A PROBABLE RADAR, 5 PROBABLE VAN TRUCKS, AND 4 PROBABLE VAN TRAILERS REMAIN IN SUPPORT AREA. NO APPARENT CHANGE IN FACILITIES.

25X1D

25X1A

PUNTA BRAVA SAM SITE 2301N 08231W

SIX UNREVETTED LAUNCHERS (3 WITH MISSILES AND 3 CANVAS-COVERED), 6 MISSILE TRANSPORTERS (4 CANVAS-COVERED AND 2 WITHOUT PRIME MOVERS), 10 TRACKED PRIME MOVERS (7 CANVAS-COVERED), 5 OTHER VEHICLES, 3 VAN TRAILERS, AND A GUIDANCE AREA WITH RADAR, 3 VAN TRAILERS, AND OTHER CANVAS-COVERED EQUIPMENT OBSERVED. TWO ADDITIONAL LAUNCHERS, 6 VAN TRUCKS, AND 4 PROBABLE VAN TRAILERS REMAIN ADJACENT TO THE NORTH EDGE OF THE SITE.

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THE 6-GUN AAA SITE REMAINS OCCUPIED.

25X1D

25X1A

GUARA SAM SITE 2248N 08213W

SIX UNREVETTED LAUNCHERS (2 WITH MISSILES), 5 CANVAS-COVERED MISSILE TRANSPORTERS, (3 WITHOUT PRIME MOVERS), AT LEAST 8 OTHER VEHICLES OR PIECES OF EQUIPMENT, AND A GUIDANCE AREA WITH RADAR AND CANVAS-COVERED EQUIPMENT OBSERVED.

25X1D

25X1A

CABANAS SAM SITE 2258N Ø8258W

NO VEHICLES OR EQUIPMENT OBSERVED.

25X1D

25X1A

MARIEL SAM SITE 2 2300N 08248W

SIX UNREVETTED LAUNCHERS, 4 CANVAS-COVERED MISSILE TRANSPORTERS, 8 PRIME MOVERS, 4 CARGO TRUCKS, 2 OTHER VEHICLES, AND A GUIDANCE AREA WITH RADAR, 4 VAN TRAILERS, AND CANVAS-COVERED EQUIPMENT OBSERVED.

25X1D

25X1A

GUANABACOA SAM SITE 23Ø5N Ø8216W

SIX UNREVETTED LAUNCHERS (2 WITH MISSILES), 7
MISSILE TRANSPORTERS (5 CANVAS-COVERED, ONE OF WHICH
IS IN A LAUNCH POSITION), 13 TRACKED PRIME
MOVERS, 3 CARGO TRUCKS, 3 VAN TRAILERS AND A
GUIDANCE AREA WITH RADAR, 4 VAN TRAILERS AND
CANVAS-COVERED EQUIPMENT OBSERVED.

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25X1A

ALQUIZAR SAM SITE 2249N Ø8238W

SIX UNREVETTED LAUNCHERS (ONE WITH MISSILE), 9 MISSILE TRANSPORTERS (7 CANVAS-COVERED), 8 CANVAS-COVERED TRACKED PRIME MOVERS, 3 OTHER VEHICLES, 3 VAN TRAILERS, AND A GUIDANCE AREA WITH RADAR AND 6 VAN TRAILERS OBSERVED. FACILITIES INCLUDE 5 LARGE NON-SOVIET TENTS.

25X1D

25X1A

LA CACHIMBA SAM SITE 2245N Ø8227W

SIX UNREVETTED LAUNCHERS (ONE WITH MISSILE), 4 CANVAS-COVERED MISSILE TRANSPORTERS, AT LEAST 6 PROBABLE TRACKED PRIME MOVERS, 2 VAN TRAILERS AND A GUIDANCE AREA WITH RADAR AND 6 VAN TRAILERS OBSERVED. THE 6-GUN AAA SITE REMAINS OCCUPIED.

NO APPARENT CHANGE IN FACILITIES.

25X1D

25X1A

CAMPO FLORIDO CRUISE-MISSILE SITE 2306N 08211W

TWO UNREVETTED LAUNCHERS, AT LEAST 7 PROBABLE CRUISE-MISSILE CRATES, 7 MISSILE TRANSPORTERS, 3 OTHER VEHICLES, AND A CANVAS-COVERED GUIDANCE AREA OBSERVED.

25X1D

25X1A

SAN JOSE DE LAS LAJAS CAMP AND DEPOT 2255N Ø821ØW

FORTY-THREE CRUISE-MISSILE CRATES, AT LEAST 6 MISSILE TRANSPORTERS, 15 CRUISE-MISSILE-RELATED VEHICLES, 48 CARGO TRUCKS, 17 VAN TRUCKS, 10 UTILITY TRUCKS, 52 OTHER VEHICLES, 9 VAN TRAILERS, AND 6 GENERATOR TRAILERS OBSERVED. AREA 1.9 NM SE -- IDENTIFICATION ONLY. THE TWO 3-GUN AND THE 6-GUN AAA SITES REMAIN OCCUPIED.

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25X1A

AIR FACILITIES

CORONEL PASCUAL AIRFIELD 2307N 08117W

AIRCRAFT -- ONE HOUND OBSERVED IN CLOUD-FREE AREAS.

25X1D

25X1A

SAN ANTONIO DE LOS BANOS AIRFIELD 2252N Ø823ØW

AIRCRAFT -- 27 FISHBED, 2 FARMER AND 10 FAGOT/FRESCO.

25X1D

25X1A

SAN JULIAN AIRFIELD 2205N 08409W

AIRCRAFT -- 10 PROBABLE FAGOT/FRESCO, 3 PROBABLE CRATE, ONE HARE AND ONE LIAISON.

25X1D

25X1A

JOSE MARTI INTERNATIONAL AIRFIELD 2259N Ø8224W

OPERATIONS AREA -- ONE CLEAT, 2 BRITANNIA, 2 COOT, ONE CUB, 3 CRATE, ONE C-46, ONE C-47, AND 4 LIAISON.

MAINTENANCE AREA -- ONE B-26, 3 CONSTELLATION, 3 C-54, AND ONE LODESTAR.

25X1D

25X1A

CAMPO LIBERTAD AIRFIELD 2305N 08226W

AIRCRAFT -- 7 CRATE, 2 C-46, 2 C-47, 7 COLT AND 10 LIAISON.

25X1D

25X1A

PLAYA BARACOA AIRFIELD 2302N 08234W

AIRCRAFT -- ONE C-47, AT LEAST 8 HOUND WITHOUT

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ROTORS, ONE HARE, AND 2 BELL HELICOPTERS.

25X1D

25X1A

PINAR DEL RIO AIRFIELD 2225N Ø834ØW

AIRCRAFT -- 2 COLT AND ONE LIAISON.

25X1D

25X1A

NAVAL ACTIVITY/PORTS

MARIEL NAVAL BASE AND NAVAL AIR STATION 2259N Ø8244W

VESSELS -- ONE LARGE FREIGHTER, ONE COASTAL FREIGHTER AND ONE UNIDENTIFIED VESSEL OBSERVED IN CLOUD-FREE AREAS.

25X1D

25X1A

CABANAS NAVAL BASE 2258N Ø8258W

VESSELS -- 5 KOMAR-CLASS PGMG AND 2 YP.

AREA 1 -- 26 PROBABLE CARGO TRUCKS AND 2 POSSIBLE
UTILITY TRUCKS.

AREA 2 -- NO VEHICLES OBSERVED. THE 6
UNIDENTIFIED CRATES REMAIN.

AREA 3 -- 10 CARGO TRUCKS, ONE PROBABLE FLATBED
TRACTOR TRAILER, ONE PROBABLE TRUCK-MOUNTED
CRANE, AND 13 UNIDENTIFIED CRATES.

AREA 4 -- NO VEHICLES OBSERVED.

AREA 5 -- ONE POSSIBLE CARGO TRUCK.

AREA 6 -- NO VEHICLES OBSERVED.

PRINCIPAL PIER -- NO ACTIVITY OBSERVED.

25X1D

25X1A

CARDENAS PORT 2302N 08111W

VESSELS -- ONE LARGE FREIGHTER AND ONE COASTAL FREIGHTER OBSERVED IN CLOUD-FREE AREAS.

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25X1A

MATANZAS PORT 2302N 08134W

VESSELS -- 2 LARGE FREIGHTERS OBSERVED IN CLOUD-FREE AREAS.

25X1D

25X1A

HAVANA PORT 2307N 08220W

VESSELS -- 3 PF, ONE POSSIBLE PCE, 3 KRONSHTADT-CLASS PC, 6 S.O.1-CLASS SC, 7 KOMAR-CLASS PGMG (ONE ON MARINE RAILWAY), ONE P-6 MTB, 2 P-4 MTB, 6 YP, ONE PASSENGER SHIP, 24 LARGE FREIGHTERS (ONE IN DRYDOCK), 9 COASTAL FREIGHTERS, ONE LARGE TANKER, ONE COASTAL TANKER AND 14 TRAWLERS OBSERVED IN CLOUD-FREE AREAS.

25X1D

25X1A

BAHIA HONDA PORT 2255N Ø831ØW

NO LARGE VESSELS OBSERVED IN CLOUD-FREE AREAS.

25X1D

25X1A

ELECTRONICS/COMMUNICATIONS

BEJUCAL FIELD COMMUNICATIONS CENTER 2255N Ø8222W

NO APPARENT CHANGE EXCEPT FOR 7 NEW BUILDINGS UNDER CONSTRUCTION.

25X1D

25X1A

BAHIA HONDA RADAR SITE 2258N Ø8311W

ONE CARGO TRUCK, AND 5 PROBABLE AAA PIECES OBSERVED. HAZE LIMITS INTERPRETATION.

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25X1A

SAN JULIAN RADAR SITE 2206N 08409W

NO APPARENT CHANGE IN FACILITIES.

ONE TOKEN-TYPE RADAR, ONE PROBABLE FLAT FACE
RADAR, 3 CARGO TRUCKS, 4 VAN TRUCKS, AND ONE VAN
TRAILER OBSERVED.

25X1D

25X1A

MILITARY ACTIVITY

LA FLORA MILITARY CAMP 2252N Ø8233W

AT LEAST 22 PROBABLE TANKS/SP GUNS AND AT LEAST 20 OTHER VEHICLES OBSERVED IN CLOUD-FREE AREAS.

25X1D

25X1A

SANTIAGO DE LAS VEGAS MILITARY CAMP 2258N Ø822ØW

NO APPARENT CHANGE IN FACILITIES.
FOUR PROBABLE FROG MISSILE TRANSPORTERS,
21 TANKS/SP GUNS, 19 CARGO TRUCKS, 5 VAN TRUCKS,
ONE UTILITY TRUCK, APPROXIMATELY 30 OTHER VEHICLES,
AND 11 CARGO TRAILERS OBSERVED.
THE 6-GUN AND AT LEAST 3 POSITIONS OF THE 9-GUN
AAA SITE REMAIN OCCUPIED.

25X1D

25X1A

LIMONAR MILITARY CAMP SE 2255N Ø8124W

NO APPARENT CHANGE IN FACILITIES.
AT LEAST 40 UNIDENTIFIED VEHICLES OBSERVED.

25X1D

25X1A

MANAGUA MILITARY CAMP 2258N Ø8217W

AIRCRAFT -- 19 HOUND (4 AIRBORNE AND ONE WITHOUT ROTORS), AND ONE HARE.
SIX TANKS/SP GUNS AND APPROXIMATELY 200 OTHER VEHICLES OBSERVED.
THE 5 PROBABLE HELICOPTER CRATES REMAIN.

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25X1D

25X1A

NAZARENO MILITARY CAMP 2257N Ø8213W

THIRTY-FOUR TANKS/SP GUNS AND 9 CARGO TRUCKS OBSERVED.

25X1D

25X1A

GUANABACOA MILITARY AREA 2307N 08215W

EAST AREA -- 14 TRACKED PRIME MOVERS, 13 CARGO TRUCKS, 9 FA PIECES AND 11 PROBABLE FA PIECES. WEST AREA -- 32 PROBABLE CARGO TRUCKS, 6 OTHER VEHICLES, AND 18 FA PIECES.

25X1D

25X1A

HAVANA MILITARY CAMP CALABAZAR 2300N 08218W

ALL AREAS -- NO APPARENT CHANGE IN FACILITIES. AREA 1 -- 33 CARGO TRUCKS AND 2 OTHER VEHICLES. AREA 2 -- 45 CARGO TRUCKS, 4 OTHER VEHICLES AND 14 MORTARS.

AREA 3 -- 13 CARGO TRUCKS AND 7 OTHER VEHICLES.
AREA 4 -- 11 CARGO TRUCKS AND 11 OTHER VEHICLES.
AREA 5 -- 31 PROBABLE CARGO TRUCKS AND 2 POSSIBLE
FA PIECES. THE 6-GUN AAA SITE REMAINS OCCUPIED.
AREA 6 -- 9 CARGO TRUCKS AND 6 OTHER VEHICLES. THE
PREVIOUSLY REPORTED 6-GUN AAA SITE HAS BEEN
REOCCUPIED.

25X1D

25X1A

GUANE MILITARY CAMP 2212N Ø84Ø8W

NO APPARENT CHANGE IN FACILITIES. TEN TANK/SP GUNS AND ONE PROBABLE CARGO TRAILER OBSERVED.

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25X1A

LOMAS TETAS DE MANAGUA TANK PARK 2258N Ø8219W

NO APPARENT CHANGE IN FACILITIES.
SIXTEEN TANKS/SP GUNS, 14 CARGO TRUCKS AND 4 FA
PIECES OBSERVED.
INCOMPLETE COVERAGE.

25X1D

25X1A

GUANAJAY MILITARY CAMP MARTIN MESA 2257N Ø8243W

AT LEAST 11 TANKS/SP GUNS AND AT LEAST 35 OTHER VEHICLES OBSERVED IN CLOUD-FREE AREAS.

25X1D

25X1A

GUAYABAL MILITARY CAMP 2254N Ø8237W

MAIN CAMP -- CLOUD-COVERED.

AREAS 1 & 3 -- IDENTIFICATION ONLY.

AREA 2 -- 5 CARGO TRUCKS AND 2 OTHER VEHICLES.

25X1D

25X1A

SANTIAGO DE LAS VEGAS MILITARY CAMP SOUTH 2257N Ø8223W

THIRTEEN POSSIBLE BTR 60-P OBSERVED IN CLOUD-FREE AREAS.

25X1D

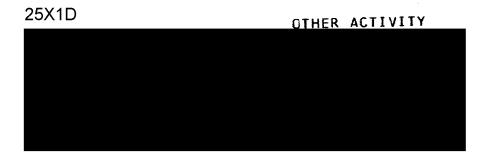
25X1A

HAVANA MILITARY CAMP COJIMAR 2309N 08215W

APPROXIMATELY 20 POSSIBLE SA-2 MISSILE TRANSPORTERS AND NUMEROUS OTHER VEHICLES OBSERVED PARKED IN AREA. OBLIQUITY LIMITS INTERPRETATION.

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-STATUS OF OTHER TARGETS OBSERVED-

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE SINCE LAST COVERAGE--

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SAN CRISTOBAL MRBM SITE 3 SAN CRISTOBAL MRBM SITE 4 MATANZAS SAM SITE HAVANA SAM SITE SURGIDERO DE BATABANO PORT LIMONAR RADAR SITE	2242N Ø83Ø8W
SAN CRISTOBAL MRBM SITE 4	2246N Ø8258W
MATANZAS SAM SITE	2301N 08129W
MATANA CAM CITE	2309N 08213W
HAVANA SAM SITE	2241N Ø8217W
SURGIDERO DE BATABANO PORT	224IN BOZIIW
LIMONAR RADAR SITE	2255N Ø8126W
SAN ANTONIO DE LOS BANOS RADAR SITE	2252N Ø823ØW
HAVANA RADAR SITE COJIMAR	2308N 08219W
PINAR DEL RIO MILITARY CAMP	2223N Ø8342W
BAJURAYABO MILITARY CAMP	23Ø8N Ø821ØW
SAN JOSE DE LAS LAJAS STORAGE	2258N Ø8212W
SAN ANTONIO DE LOS BANOS RADAR SITE HAVANA RADAR SITE COJIMAR PINAR DEL RIO MILITARY CAMP BAJURAYABO MILITARY CAMP SAN JOSE DE LAS LAJAS STORAGE EL CRIOLLO MILITARY CAMP	2259N Ø8225W
MINAS MILITARY CAMP JESUS MARIA FINCA	23Ø6N Ø8211W
GUANABANA MILITARY AREA	2258N Ø8132W
SAN FRANCISCO DE PAULA AMMO STORAGE AREA	2303N 08218W
MANAGUA AMMUNITION STORAGE AREA	2257N Ø8218W
BEJUCAL AMMUNITION STORAGE	2256N Ø8223W
PARCELACION MODERNA PROBABLE ORDANCE DEPOT	2302N 08218W
SPECIAL AREA ALPHA WHITE	2259N Ø8225W
SPECIAL AREA HOTEL	23Ø1N Ø8248W
SPECIAL AREA BRAVO BLUE	2253N Ø8232W
	2254N Ø8228W
SPECIAL AREA BRAVO RED	2302N 08235W
SPECIAL AREA VICTOR	
MATANZAS LANDING BEACH	23Ø1N Ø8126W

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT NOT INTERPRETED--25X1A

GUANAJAY IRBM SITE 2	2257N Ø8237W
TORRENS SAM ASSEMBLY AREA	2257N Ø8227W
SANTA CRUZ DEL NORTE CRUISE-MISSILE SITE	2309N 08156W
KAWAMA MARINA	23Ø7N Ø8117W
TORRENS MILITARY COMPLEX	2259N Ø8227W
CAMPO FLORIDO MILITARY CAMP	2307N Ø8206W
ZARAGOZA AREA MILITARY CAMP	2256N Ø82Ø4W
LIMONAR TANK TRAINING AREA	2254N Ø8121W
SPECIAL AREA JULIET	2301N 08240W
TARARA LANDING BEACH	231ØN Ø8212W